

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,403
Source: IFWP
Date Processed by STIC: 07/26/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,403

TIME: 14:18:54

Input Set : A:\00786.455003.SEQLIST.TXT

Output Set: N:\CRF4\07262006\J586403.raw

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4 <110> APPLICANT: RAHME, Laurence
5     DEZIEL, Eric
6     LEPINE, Francois
7     TOMPKINS, Ronald G.
8     XIAO, Gaoping
10 <120> TITLE OF INVENTION: Methods For Identifying Candidate
11     Compounds For Treating, Reducing, or Preventing Pathogenic
12     Infections
14 <130> FILE REFERENCE: 00786/455003
C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/586,403
C--> 16 <141> CURRENT FILING DATE: 2006-07-18
16 <150> PRIOR APPLICATION NUMBER: PCT/US05/02174
17 <151> PRIOR FILING DATE: 2005-01-21
19 <150> PRIOR APPLICATION NUMBER: US 60/538,361
20 <151> PRIOR FILING DATE: 2004-01-22
22 <150> PRIOR APPLICATION NUMBER: US 60/538,278
23 <151> PRIOR FILING DATE: 2004-01-21
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32 <213> ORGANISM: Pseudomonas aeruginosa
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37 tcccaggcca gccaactggc ccgcctgctc aagcccggcg atcgcggtgt gctggcggtg 180
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50 atcggggcta ccgaggtcgg ccatgtgttc ctgcccaacc gcccgggcca ggcgcggtgcc 960
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57 cgtccgaccc tgttcgtcac cctggccact ccgctggacg acaaccagat cctgctggcg 1380
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99 ctgctgaccc gcggcgacga tgacagctgc gacctgctgg ctccggccga acacagcgac 600
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101 gccaagccgc ggctttatct ctgctgttc agcgacggcc agaacaagat ggccagcttc 720
102 gttccgacca acgtgccgat cgcgatgcgc cggcgcttg aaaaggcccg cctgggcagc 780
103 gatgacatcg attatttcgt ctccaccag ccagcgccgt tctggtcaa ggccggggcc 840
104 gagggcatcg gtgcccgtcc tgagcagtac caactgacga tgggcgatac cggcgatgag 900
105 atctcgttt ccatccgta caccctgat accggcctgc gcgagggcaa gatccgcccc 960
106 ggcgatcgta tcgtcatggc cggcgacgc actggctggg ggttcgccc ccaggtctgg 1020

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128 aacctgcgca tccctgatgc ggtgcaggag caactgggca tccccagca caagttcgcg 840
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130 ttctggccgg acatccagcc gggacagcgg gtgctggtcc tgacctacgg ctccggcgcg 960
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152 ctgagcgagg agctgcacc cgctgggggt gggcagagcg tcgacttcc gcccggcgaa 840
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154 gactga 906
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157 <211> LENGTH: 1149
158 <212> TYPE: DNA
159 <213> ORGANISM: Pseudomonas aeruginosa
161 <400> SEQUENCE: 6

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164 ggcacacccc tggcgagcaa tgcgttgacg gcgttggtcca gcacctgga tctcgaccgg 180
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169 gtccacgact gttegtggg ggtcgggtgc gatggcattc gttcgagcgt gcgacgttat 480
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177 gccttcctgc tggcgcgctt gtggtgctcg gcgcgcgcg ccgagacgct gatcctgttc 960
178 cagcagcaac gcgaggcgcg gatcgagttc atcaggaagc aatcctggat cgtcggccgc 1020
179 cttgggtcagt gggaaatcgcc ctggagcgtc tggctgagga atacctcgt tcgcctggtg 1080
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185 <212> TYPE: DNA

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191 cgcgcgatca acggcgccga cctgctcaag ccggccggca tccgggtggg cgaggcgcc 180
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196 atcgaccagg tgcgcctgaa gcacggccgc gtgctgcgtc cgcgggtggg ggtgggagcc 480
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212 <212> TYPE: PRT

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221 35 40 45
222 Leu Leu Lys Pro Gly Asp Arg Val Val Leu Ala Leu Asn Asp Ser Pro
223 50 55 60
224 Ser Leu Ala Cys Leu Phe Leu Ala Cys Ile Ala Val Gly Ala Ile Pro
225 65 70 75 80
226 Ala Val Ile Asn Pro Lys Ser Arg Glu Gln Ala Leu Ala Asp Ile Ala
227 85 90 95
228 Ala Asp Cys Gln Ala Ser Leu Val Val Arg Glu Ala Asp Ala Pro Ser
229 100 105 110
230 Leu Ser Gly Pro Leu Ala Pro Leu Thr Leu Arg Ala Ala Gly Arg
231 115 120 125
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233 130 135 140
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235 145 150 155 160
236 Leu Gln Tyr Thr Ser Gly Ser Thr Gly Ala Pro Lys Gly Val Met His
237 165 170 175
238 Ser Leu Arg Asn Thr Leu Gly Phe Cys Arg Ala Phe Ala Thr Glu Leu
239 180 185 190
240 Leu Ala Leu Gln Ala Gly Asp Arg Leu Tyr Ser Ile Pro Lys Met Phe
241 195 200 205
242 Phe Gly Tyr Gly Met Gly Asn Ser Leu Phe Phe Pro Trp Phe Ser Gly
243 210 215 220
244 Ala Ser Ala Leu Leu Asp Thr Trp Pro Ser Pro Glu Arg Val Leu
245 225 230 235 240
246 Glu Asn Leu Val Ala Phe Arg Pro Arg Val Leu Phe Gly Val Pro Ala
247 245 250 255
248 Ile Tyr Ala Ser Leu Arg Pro Gln Ala Arg Glu Leu Leu Ser Ser Val
249 260 265 270
250 Arg Leu Ala Phe Ser Ala Gly Ser Pro Leu Pro Arg Gly Glu Phe Glu
251 275 280 285
252 Phe Trp Ala Ala His Gly Leu Glu Ile Cys Asp Gly Ile Gly Ala Thr
253 290 295 300
254 Glu Val Gly His Val Phe Leu Ala Asn Arg Pro Gly Gln Ala Arg Ala
255 305 310 315 320
256 Asp Ser Thr Gly Leu Pro Leu Pro Gly Tyr Glu Cys Arg Leu Val Asp
257 325 330 335
258 Arg Glu Gly His Thr Ile Glu Glu Ala Gly Arg Gln Gly Val Leu Leu
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261 355 360 365
262 Gln Gln Ala Arg Phe Ala Gly Trp Tyr Arg Thr Gly Asp Leu Phe
263 370 375 380

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date